

Hazardous Waste Site Dossier
for
Federal Facilities

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I. Facility Identification

Name: Ft. Monmouth-Main Area #1
Agency: Army
Contact: Hugh Mc Menamin (8-541-3000) 201-532-1475/76
Location: State Routes 35 & 71 Oceanport-Red Bank, New Jersey
Site I.D.: Site # 1 (adjacent to bldg. 697)
Date of Inspection: July 21-25, 1980

II. Basis for Investigation

Implementation of the regional federal facility hazardous waste program.

III. Site Description and Status

This landfill is the only active one of seven sites identified by the U.S. Army Toxic & Hazardous Materials Agency report No. 171 dated May 1980. This area, of approximately 5 acres, has been identified in this report as site # 8 in figure 7 page 21 of the report, however in the description narrative on page 34 it is identified as site # 1. The EPA therefore also identifies this site, adjacent to building 697, as site # 1 at this main area of the Fort Monmouth complex.

This active sanitary landfill (Number 1) is located within a bend of Parker's Creek near the northcentral boundary for the disposal of a wide variety of domestic and industrial wastes. Garbage and refuse from Fort Monmouth and its subposts are now picked up by a contractor (Contract DAAB07-78-C-A065, dated 27 September 1979) and taken to a landfill in New Shrewsbury, New Jersey.

The following materials were identified as previously deposited in this presently used landfill: unwashed pesticide/herbicide cans, all types of batteries, fluorescent tubes, electronic components, garbage, asbestos wrappings from pipes, drummed soot and boiler scale, sludge from STPs, small quantities of drugs and outdated photographic chemicals in glass bottles, building rubble from the demolition of approximately 100 buildings (including asbestos-containing transite roofing material), ash from incinerated classified material, wastes (sand) from oil spill cleanups, and other debris.

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Outdated drugs from the hospital have reportedly been landfilled at Fort Monmouth for years. Deposits at this site are now limited to demolition debris and other items classified as "clean fill".

Three (3) monitoring wells have been installed (see photos) to determine possible sub-surface water contamination that could enter onto Parkers Creek that is the northern boundry of this site.

IV. Preliminary Hazard Evaluation

Dependant upon analysis data obtained from the recently installed test wells a control program maybe required to limit any appreciable contamination of the sub-surface waters beneath the site and their potential for contaminating Parkers Creek.

In consideration all the known factors a "C" (limited hazard) rating is assigned to this site at this time. A change to a "B" (Potentially Hazardous) rating may be given to it after sufficient well data has been accumulated and evaluated by the facility the OFA and our regional S & A division.

V. Current External Involvements/Hazards

There are presently no current external involvements known to the Army or the EPA with respect to ground and/or surface water contamination. No complaints have been received and from the range of former activities and the time that has elapsed without visual evidence of water contamination, it appears that an effective sub-surface filter condition has and does prevail at this time.

VI. Remedial Action Required or Planned

Our present evaluation of this site is that remedial actions be limited at present to the establishment of test wells in order to determine present sub-surface water conditions.

Based upon this information when obtained the necessity for further control actions can be determined. The minimum future program should be the constant monitoring of the test well locations installed and the completion of a preliminary design program for a pre-treatment facility if found to be required either now or for future needs to control the disintergration of the various substances deposited.

VII. Inter Agency Coordination

Required X

Not Required